



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Specifications and Advertisement for Bids for
Underground Electrical Conduit and Fittings

MEETING DATE: July 6, 1994

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council approve the specifications and authorize advertisement for bids for the purchase of 2" and 3" underground electrical conduit and associated fittings, for use in various new installations within the City.

BACKGROUND INFORMATION: The Electric Utility Department has issued work orders to install underground electrical systems at the following locations: Century Meadows 1, Unit #1, Century Meadows 2, Unit #1; Towne Ranch #3; and Johnson Ranch #3.

The following items of electrical pipe and fittings will be used on these and other projects, as well as to replenish the department's inventory:

| | |
|-----------------------------------|-------------|
| 2" Power & Communications Conduit | 11,200 feet |
| 2" PVC Schedule 40 Coupling | 300 each |
| 2" 90 DB60 Elbow | 200 each |
| 3" Power & Communications Conduit | 5,000 feet |
| 3" PVC Schedule 40 Coupling | 135 each |
| 3" 90 DB60 Elbow | 110 each |

FUNDING: Estimated Cost: \$7,000
Funding Source: Electric Utility Operating Fund

BID OPENING July 26, 1994


Henry J. Rice, Electric Utility Director

Prepared by Joel Harris, Purchasing Officer

APPROVED



THOMAS A. PETERSON
City Manager



recycled paper

EQUIPMENT SPECIFICATION
POWER & COMMUNICATION DUCT

General:

This specification is for power and communication duct for use in the City of Lodi's 12.0-kv underground distribution system.

Specific Specifications:

Polyvinyl chloride (PVC), direct-buried duct, DB-60 and DB-120.

Lengths, overall, including integral coupling: 20 ft. + 1 - 0 inch.

Standards:

The duct shall meet the requirements of the latest editions of applicable NEMA TC-6, NEMA TC-8 and ASTM F512.

Shipping:


As required.

Markings:

All required markings shall be legible and so applied as to remain legible under normal handling and installation practices.

Duct shall be marked with the following:

1. Manufacturer's name or trademark.
2. Nominal size.
3. Material: (PVC)
4. NEMA (TC-6 or TC-8)
5. Type: DB-60 or DB-120
6. Any additional marking deemed necessary by the manufacturer.

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|  <div style="display: inline-block; vertical-align: middle;"><div style="font-size: 24pt; font-weight: bold; margin: 0;">CITY OF LODI</div><div style="font-size: 12pt; margin: 0;">ELECTRIC UTILITY DEPARTMENT</div></div> | | ENGINEERING STANDARD | | | |
| | | POWER AND COMMUNICATION DUCT | | | |
| 10/19/87 | | <i>msm</i> | | SHEET 1 OF 1 | |
| DATE | DRAWN | CHECKED | SYD. COMM. SUBJECT | APPROVAL | REVISION |